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Nebraska Department of Agriculture
Division of Agr'l. Statistics
Agricultural Extension Service
of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 7/6/70

Week Ending 7/6/70

WEATHER Hot, dry and windy weather with a few isolated thundershowers prevailed in Nebraska Monday through Thursday the past week. Day-time temperatures were in the 90's over most of the State and in excess of 100 over many areas. The highest reported was 106 degrees at Seward on Thursday. Cooler air covered the State Friday through Sunday with readings generally in the 80's; however, the 90's had returned to the Panhandle and north central regions by Sunday afternoon. Night-time readings fell into the 40's and 50's over the week end.

CROPS Hot, dry, windy weather favored wheat harvest last week but brought heavy stress to row crops, haylands and pastures. Irrigation water demands soared to meet heavy requirements of a well advanced corn crop. Most areas reported extremely dry surface soil conditions, and many sections noted row crops curling, particularly corn. In the more critically dry sections corn was beginning to fire. Cooler temperatures at the end of the week brought some relief. The whole State needs a soaking rain to relieve the effects of last week's weather. Subsoil moisture supplies were being rapidly depleted. About 60 percent of the reporting areas indicate a shortage of subsoil moisture.

Wheat harvest is well ahead of normal and the earliest on record for some eastern sections. About 55 percent of the crop is harvested compared with a normal of 20 percent. Harvest is in the clean-up stage in many eastern sections, but not yet started in the Panhandle District. The crop was reported 70-75 percent ripe compared with 55 percent, the usual for this date.

Condition of row crops showed a sharp decline as hot, dry weather caused slow development and some deterioration. Dryland corn and milo suffered in nearly all areas of the State. Sections with short rainfall from April-June were hardest hit. Oats suffered along with row crops.

Hay crops and pastures also registered a sharp reduction in prospects. The second crop of alfalfa suffered a serious setback. About 25 percent of that cutting is complete. Pastures and some range grasses were dried up reducing the feed prospects from these sources.

Aside from an active week of wheat harvest, farmers were busy spraying, applying fertilizers, cultivating summer fallow land and row crops.

LIVESTOCK Hot weather was rough on livestock. Flies are a problem in some sections. Most range cattle are in good condition, but short pasture feed will limit production gains.

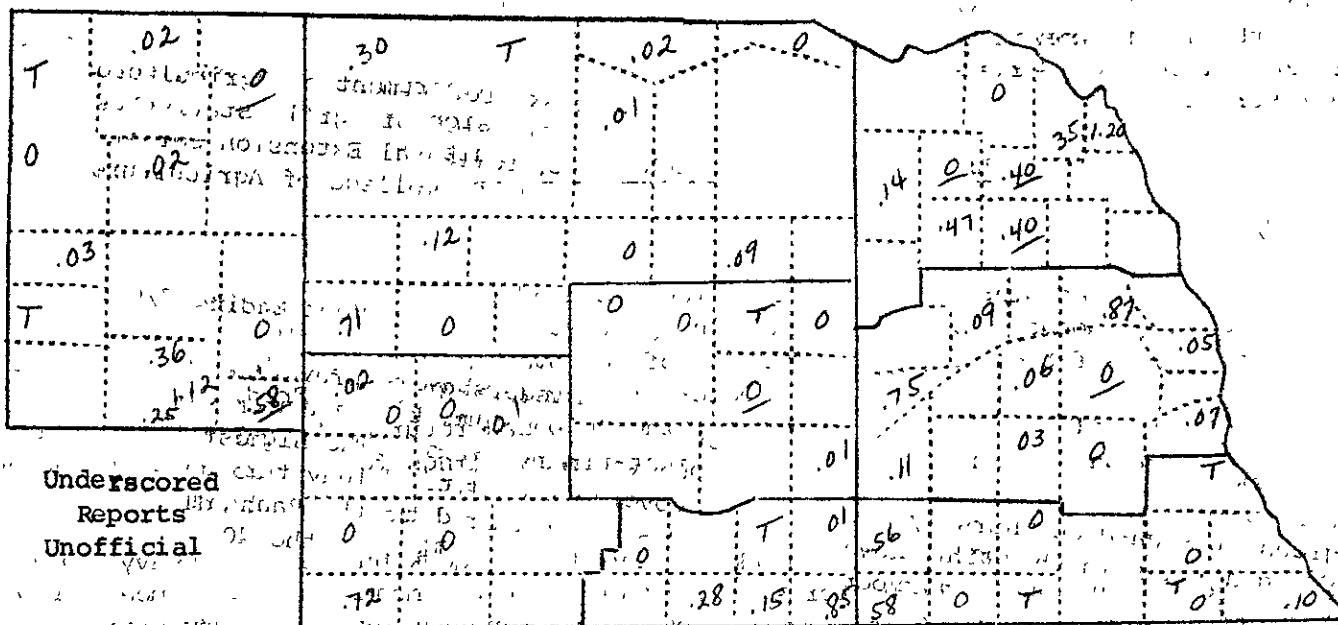
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING JULY 5, 1970

East		Central		West	
Grand Island	.01	Burwell	.09	Chadron	.23
Lincoln	0	North Platte	.14	Imperial	.01
Norfolk	T	Valentine	T	Scottsbluff	.14
Omaha	.05			Sidney	.23
Sioux City	1.20				

Precipitation, April 1 - July 3, 1970

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.20	.13	.31	T	.23	.11	.21	.12
Total since April 1	8.49	8.92	9.53	7.53	8.10	7.20	8.16	10.85
Normal since April 1	7.96	9.20	10.53	10.08	10.99	8.43	9.98	11.92

PRECIPITATION MAP FOR WEEK ENDING JUL 13, 1970



HIGHEST AND LOWEST TEMPERATURE (Day-time highs, 6:00 a.m. to 6:00 p.m.; Night-time lows, 6:00 p.m. to 6:00 a.m., CST)

		June 29th		June 30th		July 1st		July 2nd		July 3rd		July 4th		July 5th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	89	65	86	50	93	50	91	51	85	45	87	56	95	61
	Scottsbluff	87	55	84	54	89	55	91	57	85	45	89	57	94	57
NC	Sidney	87	55	86	59	87	56	92	56	84	49	85	56	92	55
	Burwell	94	73	97	64	94	63	100	60	84	48	81	51	85	--
NE	Valentine	95	74	94	59	95	57	93	58	82	47	84	54	94	63
	Norfolk	98	79	97	72	96	69	94	66	80	54	75	51	83	67
CEN	Sioux City	100	80	96	73	95	73	94	66	80	57	76	51	83	63
	Grand Island	98	78	102	73	98	70	101	65	90	52	82	53	89	64
EC	Lincoln	98	82	96	82	99	79	103	71	86	59	77	54	86	69
	Omaha	96	77	93	78	98	76	99	66	80	55	77	56	81	64
SW	Imperial	89	68	90	67	93	59	98	63	89	55	87	59	94	62
	North Platte	89	71	90	64	90	58	95	59	85	48	83	52	89	62

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